

AMENDMENTS TO THE SPECIFICATION:

Page 1, please add the following new paragraphs before paragraph [0001]:

[0000.2] BACKGROUND OF THE INVENTION

[0000.4] This application is a 35 USC 371 application of PCT/CH 03/00346
filed on June 3, 2003.

Please replace paragraph [0001] with the following amended paragraph:

[0001] ~~Technical field~~ Field of the Invention

Please replace paragraph [0002] with the following amended paragraph:

[0002] The invention relates to a device for moving and positioning an object in space,
~~according to the preamble of claim 1. The device in question is~~ commonly referred to by
those skilled in the art ~~amongst experts~~ as a robot with parallel kinematics or a delta robot.

Please replace paragraph [0004] with the following amended paragraph:

[0004] A device of the ~~generic~~ type with which this invention is concerned for moving and
positioning an object in space is described in EP-A-0'250'470. This delta robot has a base
plate on which first ends of three arms are pivotably disposed. Each arm is individually
driven by a motor, the three motors being disposed in such a manner in a plane defined by the
base plate that one each of the motor shafts runs along one side each of an imaginary
equilateral triangle. The second ends of the arms are hinge-connected to a common mounting
plate. On this mounting plate there are disposed gripping means, for example a suction cup,
for seizing and holding the object to be moved. A telescopic fourth shaft, which is driven by
a fourth motor, is hinge-connected to the base plate and to the mounting plate.

Please replace paragraph [0010] with the following amended paragraph:

[0010] Likewise, DE-A-4'413'872 discloses a gearing with lowest possible backlash and without torsionally elastic tensions. This planetary gearing has gear steps which, in the assembly, allow radial displacement of the bearings of the planet carrier and of the two ring gears or wheels. Although the gearing acts the same in both rotational directions, it does have negative vibration characteristics.

Please replace paragraph [0014] with the following amended paragraph:

[0014] ~~Representation of the invention~~

SUMMARY OF THE INVENTION

Page 4, please delete paragraph [0016].

Page 5, please delete paragraph [0021].

Please replace paragraph [0022] with the following amended paragraph:

[0022] ~~Brief description of the drawings~~

BRIEF DESCRIPTION OF THE DRAWINGS

Please replace paragraph [0023] with the following amended paragraph:

[0023] The subject of the invention is explained below with reference to a preferred **illustrative** embodiment represented in the **appended** drawings, in which:

Please replace paragraph [0024] with the following amended paragraph:

[0024] ~~figure~~ Figure 1 shows a perspective representation of a prior art delta robot;

Please replace paragraph [0025] with the following amended paragraph:

[0025] **figure** Figure 2 ~~shows~~ is an enlarged, fragmentary view of a detail of the delta robot according to figure 1 with a motor/gearing unit according to the invention;

Please replace paragraph [0026] with the following amended paragraph:

[0026] **figure** Figure 3 shows a motor/gearing unit according to figure 2, and

Please replace paragraph [0027] with the following amended paragraph:

[0027] **figure** Figure 4 shows an exploded representation of the fastening of an arm to the motor/gearing unit.

Please replace paragraph [0028] with the following amended paragraph:

[0028] ~~Ways of realizing the invention~~

DESCRIPTION OF THE PREFERRED EMBODIMENT

Page 9, please delete paragraph [0036].